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05-25-2001

PATENTS ONLY

TO

PATENTS

Our File No. 10655-3841

MAY 21 2001



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original document or copy thereof.

<p>1. Name of Parties conveying an interest:</p> <p><i>5-21-01</i></p> <p>Makoto Sasaki Chae Gee Sung Kazuyuki Arai</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and Address of Party(ies) receiving an interest:</p> <p>Name: ALPS Electric Co., Ltd. Internal Address: Street Address: 1-7 Yukigaya, Otsuka-cho City: Ota-ku, Tokyo State/Zip: Japan</p> <p>Additional name(s) and addresses attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
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3. Description of the interest conveyed:

Assignment Change of Name Other: _____

Security Agreement Merger

Execution Date: May 11, 2001

Application number(s) or patent number(s). Additional sheet attached? Yes No

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.(s)	Date	Patent No.(s)
09/718,982		

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, IL 60610 (312)321-4200</p>	<p>6. Number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to Deposit Account No. 23-1925</p> <p>8. <input checked="" type="checkbox"/> Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.</p>
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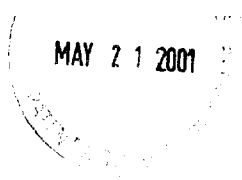
Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard K. Clark
Name of Person Signing

Richard K. Clark
Signature

05/18/01
Date

Total number of pages including cover sheet, attachments, and document: 5



Attorney Docket No. 10655-3841
Serial No. 09/718,982

Page 2 of Assignment Recordal

LG. Philips LCD Co., Ltd.
20, Yoido-dong, Yongdungpo-ku
Seoul, Korea

ASSIGNMENT

WHEREAS, Makoto Sasaki, Chae Gee Sung, and Kazuyuki Arai, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled Transparent Electrically Conductive Oxide Film for an Electronic Apparatus and Related Method, for a full description of which reference is here made to an application for Letters Patent of the United States filed on November 22, 2000, and assigned Application Serial No. 09/718,982;

WHEREAS, ALPS ELECTRIC CO., LTD., a corporation organized and existing under the laws of Japan, having a place of business at 1-7 Yukigaya, Otsuka-cho, Ota-ku, in Tokyo, Japan and LG. Philips LCD Co., Ltd, a corporation organized and existing under the laws of Korea, having a place of business at 20, Yoido-dong, Yongdungpo-ku, Seoul, Korea hereinafter called the "Assignees," desire to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignees is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignees, the entire right, title and interest for the United States, its territories and possessions, in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals, extensions or reissues of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignees, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignees in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignees may elect to make covering the invention identified above; in vesting in the Assignees like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignees any and all additional papers which may be requested by the Assignees to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignees in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE May 11, 2001 *Makoto Sasaki*
Makoto Sasaki

WITNESSED

DATE May 11, 2001 *Hideo Kurokawa*

DATE May 11, 2001 *Kaori Suzuki*

DATE May 11, 2001 *CHAE GEE SUNG*
Chae Gee Sung

WITNESSED

DATE May 11, 2001 *Hideo Kurokawa*

DATE May 11, 2001 *Kaori Suzuki*

DATE May 11, 2001

Kazuyuki Arai
Kazuyuki Arai

WITNESSED

DATE May 11, 2001

Hideo Hurokawa

DATE May 11, 2001

Kaori Suzuki